Contents to volume 266

Research Letters

In vivo processing of N-terminal methionine in *E. coli* (FEBS 08497) *H. Dalbøge, S. Bayne, J. Pedersen* 1

Direct activation of cdc2 with phosphatase: identification of $p13^{suc1}$-sensitive and insensitive steps (FEBS 08481) *C. Jessus, B. Ducommun, D. Beach* 4

Association of iron-protoporphyrin-IX (hemin) with myosins (FEBS 08496) *V. Bhoite-Solomon, G. Kessler-Icekson, N. Shaklai* 9

Identification of a new P1 residue mutation (444Arg→Ser) in a dysfunctional C1 inhibitor protein contained in a type II hereditary angioedema plasma (FEBS 08498) *K.S. Aulak, M. Cicardi, R.A. Harrison* 13

An X-ray solution scattering study of the cofactor and activator induced structural changes in yeast pyruvate decarboxylase (PDC) (FEBS 08499) *G. Hübner, S. König, A. Schellenberger, M.H.J. Koch* 17

Expression and pharmacological characterization of the human M1 muscarinic receptor in *Saccharomyces cerevisiae* (FEBS 08500) *P. Payette, F. Gossard, M. Whiteway, M. Dennis* 21

Interaction of benzoquinones with mitochondria interferes with oxidative phosphorylation characteristics (FEBS 08506) *D.W. Makawiti, V.N. Konji, J.O. Olowookere* 26

Partial purification and characterization of the human erythrocyte Mg^{2+}-ATPase: A candidate aminophospholipid translocase (FEBS 08489) *G. Morrot, A. Zachowski, P.F. Devaux* 29

Interleukin-1 induces rapid and transient expression of the c-fos proto-oncogene in isolated pancreatic islets and in purified β-cells (FEBS 08490) *J.H. Hughes, M.A. Watson, R.A. Easom, J. Turk, M.L. McDaniel* 33

Post-translational processing of prepro-urotensin II (FEBS 08491) *J.M. Conlon, D. Arnold-Reed, R.J. Balment* 37

Separation of two βγ subunit complexes of brain GTP-binding proteins composed of distinct γ subunits (FEBS 08493) *T. Asano, R. Morishita, T. Kobayashi, K. Kato* 41

Reduced levels of ADP-ribosylatable elongation factor-2 in aged and SV40-transformed human cell cultures (FEBS 08492) *B. Riis, S.I.S. Rattan, A. Derventzi, B.F.C. Clark* 45

Transforming growth factor-β and epidermal growth factor modulate basal and interleukin-6-induced amino acid uptake and acute phase protein synthesis in cultured rat hepatocytes (FEBS 08494) *J. Bereta, K. Szuba, W. Fiers, J. Gauldie, A. Koj* 48

Prokaryotic 20β-hydroxysteroid dehydrogenase is an enzyme of the 'short-chain, non-metalloenzyme' alcohol dehydrogenase type (FEBS 08501) *L. Marekov, M. Krook, H. Jörnvall* 51

Subcellular distribution of α and β subunit proteins of Ca^{2+}/calmodulin-dependent protein kinase II expressed in Chinese hamster ovary cells (FEBS 08502) *T. Yamauchi, S. Sekihara, S. Ohsako* 55

A protein conformational change associated with the photoreduction of the primary and secondary quinones in the bacterial reaction center (FEBS 08505) *E. Nabedryk, K.A. Bagley, D.L. Thibodeau, M. Bauscher, W. Mäntele, J. Breton* 59

Purification, some properties and nucleotide sequence of 5-carboxymethyl-2-hydroxymuconate isomerase of *Escherichia coli* C (FEBS 08503) *D.I. Roper, R.A. Cooper* 63

Expression of catalytically active radish 3-hydroxy-3-methylglutaryl coenzyme A reductase in *Escherichia coli* (FEBS 08504) *A. Ferrer, C. Aparicio, N. Nogués, A. Wettstein, T.J. Bach, A. Boronat* 67

Cholesterol oxidation on fluorocarbon emulsion surface leads to the formation of 7-peroxycholesterol (FEBS 08507) *A.T. Beriozov, A.S. Ivanov, V.G. Ivkov, V.V. Obraztsov, E.M. Khalilov, A.I. Archakov* 72

Na,K-ATPase labelled with 5-iodoacetamidofluorescein: E_2-E_1 conformational transition induced by different nucleotides (FEBS 08508) *O.D. Lopina, E.V. Pindel, A.A. Boldyrev* 75

Disruption of the gene encoding subunit VI of yeast cytochrome bc_1 complex causes respiratory deficiency of cells with reduced cytochrome *c* levels (FEBS 08514) *C.H. Kim, R.S. Zitomer* 78

Regulation of ATP hydrolysis in liver mitochondria from ground squirrel (FEBS 08509) *G.E. Bronnikov, S.O. Vinogradova, B.V. Chernyak* 83

A recombinant snake neurotoxin generated by chemical cleavage of a hybrid protein recovers full biological properties (FEBS 08515) *P. Boyot, L. Pillet, F. Ducancel, J.-C. Boulain, O. Tremeau, A. Ménez* 87

The caffeine-sensitive Ca^{2+} store in bovine adrenal chromaffin cells; an examination of its role in triggering secretion and Ca^{2+} homeostasis (FEBS 08495) *T.R. Cheek, A.J. O'Sullivan, R.B. Moreton, M.J. Berridge, R.D. Burgoyne* 91

Cyclic nucleotide-activated channels in the frog olfactory receptor plasma membrane (FEBS 08510) *S.S. Kolesnikov, A.B. Zhainazarov, A.V. Kosolapov* 96

Fusion of negatively charged phospholipid vesicles by α-latrotoxin (FEBS 08511) *V.K. Lishko, Y.T. Terletskaya, I.O. Trikash* 99

X-Ray crystal structure of sangivamycin, a potent inhibitor of protein kinases (FEBS 08513) *L. Lebioda, P.A. Hargrave, K. Palczewski* 102

Characterization of potassium channels in pancreatic β cells from *ob/ob* mice (FEBS 08512) *M. Kukuljan', M.Y. Li, I. Atwater* 105

Serine phosphorylation of biosynthetic pro-urokinase from human tumor cells (FEBS 08516) *M.R. Mastronicola, M.P. Stoppelli, A. Migliaccio, F. Auricchio, F. Blasi* 109

Isolation and characterization of a human cDNA clone encoding a novel DNA topoisomerase II homologue from HeLa cells (FEBS 08517) *C.A. Austin, L.M. Fisher* 115

A protein with homology to the C-terminal repeat sequence of *Octopus* rhodopsin and synaptophysin is a member of a multigene family in *Dictyostelium discoideum* (FEBS 08518) *A.A. Noegel, G. Gerisch, F. Lottspeich, M. Schleicher* 118

Complete amino acid sequence of fetal bovine serum acetylcholinesterase and its comparison in various regions with other cholinesterases (FEBS 08520) *B.P. Doctor, T.C. Chapman, C.E. Christner, C.D. Deal, D.M. De La Hoz, M.K. Gentry, R.A. Ogert, R.S. Rush, K.K. Smyth, A.D. Wolfe* 123

The primary structure of the larger subunit of soluble guanylyl cyclase from bovine lung: Homology between the two subunits of the enzyme (FEBS 08519) *D. Koesling, C. Harteneck, P. Humbert, A. Bosserhoff, R. Frank, G. Schultz, E. Böhme* 128

Prediction of domain organisation and secondary structure of thyroid peroxidase, a human autoantigen involved in destructive thyroiditis (FEBS 08522) *J.P. Banga, D. Mahadevan, G.J. Barton, B.J. Sutton, J.W. Saldanha, E. Odell, A.M. McGregor* 133

Metal ion co-ordination in the DNA binding domain of the yeast transcriptional activator GAL4 (FEBS 08525) *J.F. Povey, G.P. Diakun, C.D. Garner, S.P. Wilson, E.D. Laue* 142

NMR studies of the lipid metabolism of T47D human breast cancer spheroids (FEBS 08523) *S.M. Ronen, A. Stier, H. Degani* 147

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/90/$3.50 © 1990 Federation of European Biochemical Societies

Footprinting studies on the sequence-selective binding of pentamidine to DNA (FEBS 08527) *K.R. Fox, C.E. Sansom, M.F.G. Stevens* 150

An efficient NMR approach for obtaining sequence-specific resonance assignments of larger proteins based on multiple isotopic labeling (FEBS 08521) *M. Ikura, M. Krinks, D.A. Torchia, A. Bax* 155

Identical genes for trimethoprim-resistant dihydrofolate reductase from *Staphylococcus aureus* in Australia and Central Europe (FEBS 08524) *A. Burdeska, M. Ott, W. Bannwarth, R.L. Then* 159

Antithrombin Rouen-IV 24 Arg→Cys: The amino-terminal contribution to heparin binding (FEBS 08526) *J.-Y. Borg, S.O. Brennan, R.W. Carrell, P. George, D.J. Perry, J. Shaw* 163

Location and characterization of the three carbohydrate prosthetic groups of human protein HC (FEBS 08529) *J. Escribano, C. Lopex-Otin, A. Hjerpe, A. Grubb, E. Mendez* 167

Membrane depolarization inhibits thrombin-induced calcium influx and aggregation in human platelets (FEBS 08530) *T. Kovács, A. Tordai, I. Szász, B. Sarkadi, G. Gárdos* 171

Effect of NAD coenzyme on the inactivation of glyceraldehyde-3-phosphate dehydrogenase by anionic phospholipids (FEBS 08528) *A. Sidorowicz, T. Modrzycka, J. Gołebiowska, H. Siemieniewski* 175

Evidence for receptor-mediated inhibition of intrinsic activity of GTP-binding protein, G_i1 and G_i2, but not G_0 in reconstitution experiments (FEBS 08533) *H. Ueda, S. Uno, J. Harada, I. Kobayashi, T. Katada, M. Ui, M. Satoh* 178

Purification and some characteristics of chicken liver L-2-hydroxyacid oxidase A (FEBS 08535) *L. Dupuis, J. De Caro, P. Brachet, A. Puigserver* 183

Cloning and expression of a cDNA encoding a novel human neurotrophic factor (FEBS 08534) *Y. Kaisho, K. Yoshimura, K. Nakahama* 187

Identification of G protein-coupled receptors by RNase H-mediated hybrid depletion using *Xenopus laevis* oocytes as expression system (FEBS 08536) *W. Meyerhof, D. Richter* 192

Corrigenda 195

Author Index 196

Contents to Volume 266 199

Notes to Authors 201